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PTO/SB/29 (12/97)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

9301-123

Total Pages

109

First Named Inventor or Application Identifier

Daniel D. Shoemaker

Express Mail Label No.

EL 501 636 154 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form  
Submit an original, and a duplicate for fee processing)
2. ☒ Specification (including Abstract + Table of Contents) [Total Pages 99]  
(preferred arrangement set forth below)  
-Descriptive title of the Invention  
-Cross Reference to Related Applications  
-Statement Regarding Fed sponsored R&D  
-Reference to Microfiche Appendix  
-Background of the Invention  
-Brief Summary of the Invention  
-Brief Description of the Drawings (if filed)  
-Detailed Description of the Invention (including drawings, if filed)  
-Claim(s)  
-Abstract of the Disclosure
- ☒ Drawing(s) (35 USC 113) [Total Sheets 8]
- ☒ Oath or Declaration (unexecuted) [Total Sheets 2]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33 (b).
- ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity ☐ Statement filed in prior application,  
Statement(s) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other:

**17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: filed**18. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

20583

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

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CITY

STATE

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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jc813 U.S. PTO

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**PENNIE & EDMONDS LLP**

COUNSELLORS AT LAW  
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09/724538  
11/28/00

ATTORNEY DOCKET NO. 9301-123

Date: November 28, 2000

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

The following utility patent application is enclosed for filing:

Applicant(s): Daniel D. Shoemaker, Stewart Scherer, Stephen H. Friend Executed on: unexecuted

Title of Invention: COMPOSITIONS AND METHODS FOR EXON PROFILING

**PATENT APPLICATION FEE VALUE**

TYPE	NO. FILED	LESS	EXTRA	EXTRA RATE	FEE
Total Claims	434	-20	414	\$18.00 each	\$ 7,452.00
Independent	26	-3	23	\$80.00 each	\$ 1,840.00
Minimum Fee					\$ 710.00
Multiple Dependency Fee If Applicable (\$270.00)					\$ 270.00
<b>Total</b>					\$ 10,272.00
50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern (a verified statement as to the applicant's status is attached)					- \$ 0.00
<b>Total Filing Fee</b>					\$ 10,272.00

☒ Priority of application nos. 60/227,902 and 60/227,996 both filed on August 25, 2000 in the United States are claimed under 35 U.S.C. § 119(e).

☐ The certified copy of the priority application has been filed in application no. filed

☐ Amend the specification by inserting before the first line the following sentence: This is a continuation-in-part of application no. filed .

Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A copy of this sheet is enclosed.

Respectfully submitted,

*Adriane M. Antler*

Adriane M. Antler  
PENNIE & EDMONDS LLP

32,605  
(Reg. No.)

Enclosure

This form is not for use with continuation, divisional, re-issue, design or plant patent applications.

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

12/01/2000 HLE333 00000032 161150 09724538

01 FC:101	710.00 CH ✓
02 FC:102	1840.00 CH ✓
03 FC:103	7452.00 CH ✓
04 FC:104	270.00 CH ✓

Adjustment date: 04/06/2001 STEFERRA  
12/01/2000 HLE333 00000032 161150 09724538  
03 FC:103 7452.00 CR

04/06/2001 STEFERRA 00000002 161150 09724538

01 FC:103 6876.00 CH

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